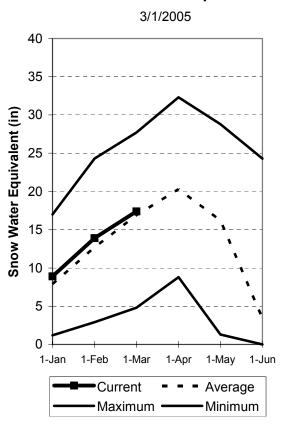
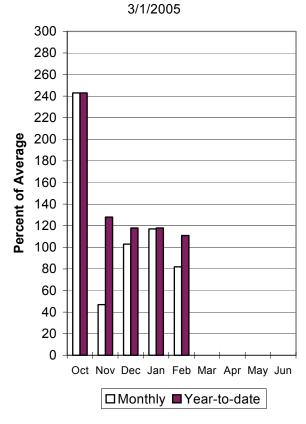
# Bear River Basin Mar 1, 2005

Snowpacks on the Bear River Basin are near average at 103% of normal, about 112% of last year and 6% less than last month. Specific sites range from 72% to 142% of normal. February precipitation was a little below average at 82%, which brings the seasonal accumulation (Oct-Feb) to 111% of average. Soil moisture levels in runoff producing areas are at 68% of saturation in the upper 2 feet of soil compared to 33% last year and up 1% from last month. Forecast streamflows range from much below to near average (47%-115%) volumes this spring. Reservoir storage is extremely low at 4% of capacity, the same as last year. The Surface Water Supply Index is at 4% for the Bear River, or 96% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage.

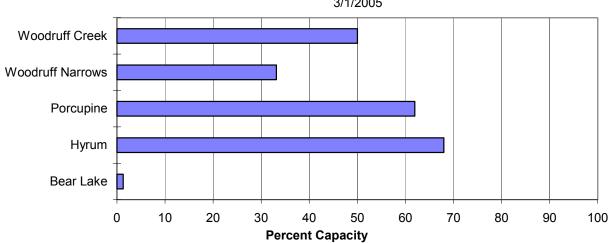
## **Bear River Snowpack**



### **Bear River Precipitation**







#### BEAR RIVER BASIN Streamflow Forecasts - March 1, 2005

Forecast Point	Forecast	<<===== Drier ===== Future Conditions ====== Wetter ====>>						   	
rolecast Foint	Period	90%   (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)		30%   (1000AF)	10% (1000AF)	30-Yr Avg.   (1000AF)	
Bear River nr UT-WY State Line	APR-JUL	97	114	126	112	   138	155	113	
Bear River ab Reservoir nr Woodruff	APR-JUL	109	137	   156	115	   175	205	136	
Big Creek nr Randolph	APR-JUL	2.50	3.60	4.30	88	1   5.00	6.10	4.90	
Smiths Fork nr Border	APR-JUL	68	82	   91	88	   100	114	103	
Bear River at Stewart Dam	APR-JUL	66	96	   119	51	   145	187	234	
Little Bear River at Paradise	APR-JUL	23	32	I I 38	83	   45	57	46	
Logan River nr Logan combined flow	APR-JUL	87	105	1 118	94	   132	154	126	
Blacksmith Fork nr Hyrum	APR-JUL	28	38	   46 	96	I   55 I	69	48	
				'		'			

Reservoir Storage (100	i	Watershed Snowpack Analysis - March 1, 2005						
Reservoir	Usable   Capacity  	This Year	Last Year	Avg	Watershed	Number of Data Sites	This Year	as % of Average
BEAR LAKE	1302.0	17.0	34.4	!	BEAR RIVER, UPPER (abv	На 6	127	109
HYRUM	15.3	10.4	8.4	11.0	BEAR RIVER, LOWER (blw	Ha 8	105	98
PORCUPINE	11.3	7.0	6.0	5.6	LOGAN RIVER	4	119	111
WOODRUFF NARROWS	57.3	19.0	7.5	27.6	RAFT RIVER	1	61	73
WOODRUFF CREEK	4.0	2.0	2.0		BEAR RIVER BASIN	14	113	103

BEAR RIVER BASIN

The average is computed for the 1971-2000 base period.

BEAR RIVER BASIN

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.